

CLAIMS

1. A video encoder for encoding a picture, including a processing means for performing one or more processing necessary to encode said picture considering the other processing.
2. The video encoder according to Claim 1, wherein said picture is composed of the maximum number of pixels that can be outputted by a video camera apparatus for picking up an object and outputting its video signal.
3. The video encoder according to Claim 1, wherein the one of the plural processing necessary to encode said picture is editing processing of said picture, compression processing for reducing its amount of information, or channel coding processing for improving the reliability of data in transmission.
4. The video encoder according to Claim 1, wherein said processing means generates a compressed picture forming said picture and having reduced pixels in a spatial direction or temporal direction.
5. A method for encoding a picture, including the step of performing one or more processing necessary to encode said picture considering the other processing.

6. A video decoder for decoding transmit data into a picture , including a generation means for generating a decoded picture corresponding to the resolution of an output device for outputting the picture by linearly coupling said transmit data to prescribed coefficients.
7. A method for decoding transmit data into a picture, including the step of generating a decoded picture corresponding to the resolution of an output device for outputting the picture by linearly coupling said transmit data to prescribed coefficients.
8. A video processor for processing a picture, comprising:
a processing means for performing one or more processing necessary to encode said picture considering the other processing;
and
a generation means for generating a decoded picture corresponding to the resolution of an output device for outputting the picture by linearly coupling the data obtained by a result of processing by said processing means to prescribed coefficients.
9. A method for processing a picture, comprising the steps of:
performing one or more processing necessary to encode said picture considering the other processing; and
generating a decoded picture corresponding to the

**resolution of an output devic for outputting the picture by
lin arly coupling thus obtained data to prescribed coefficients.**